

Amendments to the Claims

Listing of Claims:

- 5 1. (currently amended) A method for online real-time query about a current status of an optical component, comprising:
- setting up a database and utilizing the database for recording information about the current status of the optical component, wherein the information includes a current manufacturing status of the optical component before the optical component is made;
- 10 establishing a connection between the database and a remote terminal through the Internet; and
- utilizing the remote terminal to read the information stored in the database for acquiring the current status of the optical component, wherein when the remote terminal reads the database before the optical component is made, the current status includes the current manufacturing status of the optical component.
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- 20 2. (currently amended) The method of claim 1, wherein the optical component is a mask used in a semiconductor process.
3. (original) The method of claim 2, further comprising:
- providing a manufacturing execution system (MES) and utilizing
- 25 the manufacturing execution system for transmitting the information to the database.
4. (previously presented) The method of claim 2, further comprising:
- providing a global positioning system (GPS) and utilizing the
- 30 global positioning system for transmitting the current position of the mask to the database during a product delivery process.

5. (original) The method of claim 2, wherein the information further comprises positional information, and the method further comprises:
providing a radio frequency identification (RFID) system;
5 building a chip in the mask; and
utilizing the RFID system for detecting the chip to generate the positional information and transmitting the positional information to the database.
- 10 6. (original) The method of claim 2, further comprising:
providing a login system and utilizing the login system for controlling reading the information corresponding to the mask stored in the database according to security rules;
wherein if login data inputted by the remote terminal into the login
15 system conforms to the security rules, the login system allows the remote terminal to read the information.
7. (currently amended) An online real-time query system for online real-time query about a current status of an optical component,
20 comprising:
a server utilized for hosting a database to record information of the current status of the optical component, wherein the information contains a current manufacturing status of the optical component before the optical component is made; and
25 a remote terminal coupled to the server through the Internet for reading the information stored in the database for acquiring the current status of the optical component, wherein when the remote terminal reads the database before the optical component is made, the current status includes the current manufacturing
30 status of the optical component.
8. (currently amended) The online real-time query system of claim 7,

wherein the optical component is a mask used in a semiconductor process.

5 9. (original) The online real-time query system of claim 8, further comprising:

a manufacturing execution system (MES) coupled to the server for transmitting the information to the database.

10 10. (previously presented) The online real-time query system of claim 8, further comprising:

a global positioning system (GPS) coupled to the server for transmitting the current position of the mask to the database during a product delivery process.

15 11. (original) The online real-time query system of claim 8, wherein a chip is installed on the mask, and the information further comprises positional information, and the online real-time query system further comprises:

20 a radio frequency identification (RFID) system coupled to the server for detecting the chip to generate the positional information and transmitting the positional information to the database.

25 12. (original) The online real-time query system of claim 8, wherein the server is further utilized for executing a login system to control reading the information corresponding to the mask stored in the database according to security rules, and if login data inputted by the remote terminal into the login system conforms to the security rules, the login system allows the remote terminal to read the
30 information.

13. (currently amended) The method of claim 1, further comprising:

when the optical component has a new manufacturing status before the optical component is made, updating the current manufacturing status of the optical component by the new manufacturing status.

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14. (currently amended) The online real-time query system of claim 7, wherein when the optical component has a new manufacturing status before the optical component is made, the server updates the current manufacturing status of the optical component stored in the database by the new manufacturing status.

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